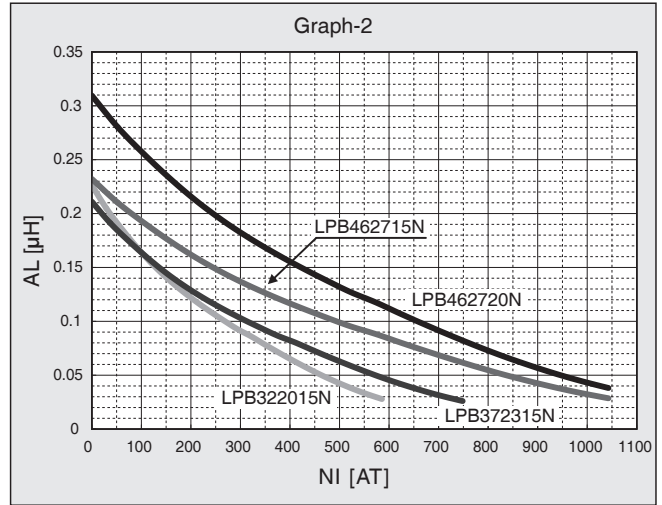
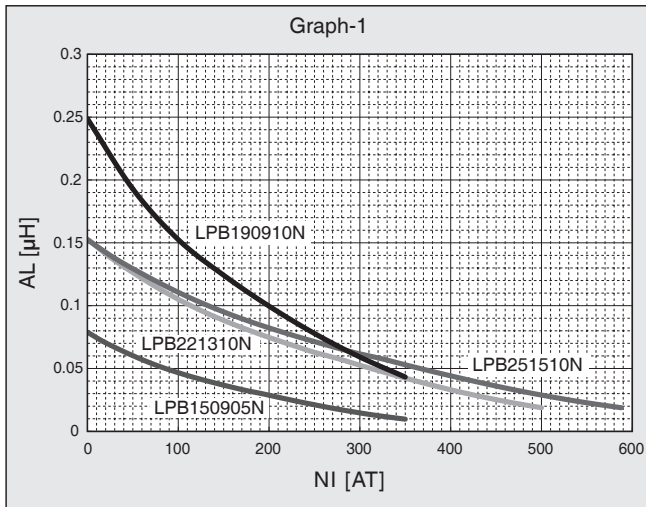


BM Series

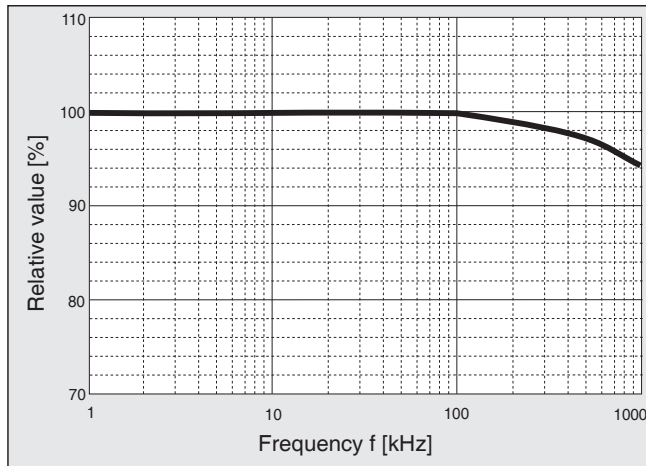
◆D.C. BIAS CHARACTERISTICS AL-AT

●Frequency : 200[kHz]



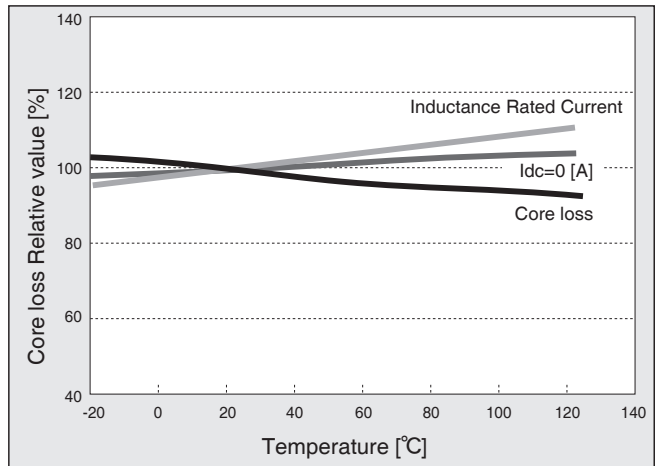
◆FREQUENCY - INDUCTANCE CHARACTERISTICS

●BM choke

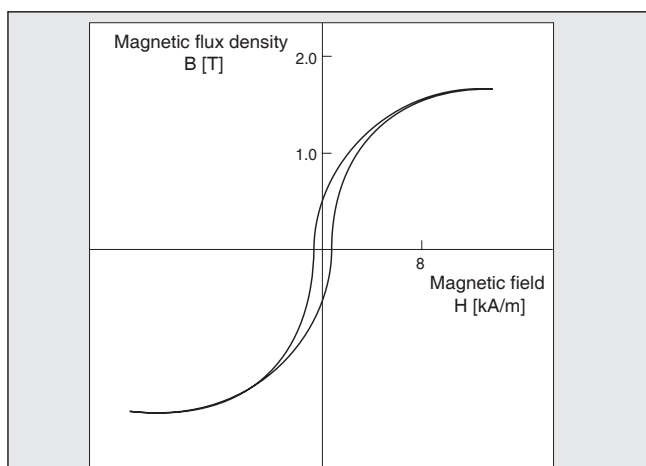


◆TEMPERATURE DEPENDENCE - INDUCTANCE AND CORE LOSS

●Frequency : 200[kHz]



◆B-H CURVE

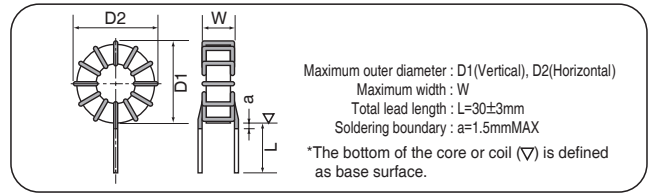


◆ MAJOR USES

- For Switching Mode Power Supply Normal mode noise filter

◆ FEATURES

- Improved DC superimposition characteristics when compared to the TM Series
- Low leakage flux due to gap-less structure



Coil Part No.	Core Part No.	Rated Current [A]	Inductance (200kHz)		D.C.R. mΩ (max)	Winding mm φ-lines	Outside Dimensions			D.C. BIAS CHARACTERISTICS Graph
			0A [μH]	Rating [μH]			D1 [mm]	D2 [mm]	W [mm]	
LBBM003421X6-V0E	LPB221310N	3	980	420 **	130	0.8-1P	29.0	29.0	17.5	1
LBBM005161X6-V0E		5	360	160	55	1.0-1P	29.0	29.0	18.0	
LBBM008600X6-V0E		8	140	60	20	0.9-2P	29.0	29.0	18.0	
LBBM010300X6-V0E		10	62	30	11	1.0-2P	29.0	29.0	18.0	
LBBM015150X6-V0E		15	35	15	6	1.0-3P	29.5	29.5	18.5	
LBBM020100X6-V0E		20	23	10	4	1.0-4P	29.5	29.5	18.5	
LBBM025060X6-V0E		25	13	6	2	1.2-4P	30.0	30.0	19.0	
LBBM0303R6X6-V0E		30	7.5	3.6	2	1.3-4P	31.0	31.0	19.5	
LBBM003551X7-V0E	LPB251510N	3	1300	550 **	150	0.8-1P	32.5	32.5	18.0	2
LBBM005201X7-V0E		5	460	200	60	1.0-1P	32.0	32.5	18.0	
LBBM008800X7-V0E		8	190	80	26	0.9-2P	32.5	33.0	18.5	
LBBM010500X7-V0E		10	120	50	16	1.0-2P	32.5	33.0	18.5	
LBBM015270X7-V0E		15	65	27	8	1.0-3P	33.0	33.5	19.0	
LBBM020150X7-V0E		20	36	15	5	1.2-3P	33.5	33.5	20.0	
LBBM025090X7-V0E		25	24	9	3	1.2-4P	33.5	33.5	21.0	
LBBM035050X7-V0E		35	13	5	3	1.4-4P	34.0	34.0	21.0	
LBBM030070X7-V0E		30	16	7	3	1.3-4P	34.5	34.5	21.0	
LBBM0403R4X7-V0E		40	8	3.4	2	1.4-5P	35.0	35.0	21.0	

* The inductance at current 0[A] indicates the reference value.

** This is the inductance at 100kHz.



Coil Part No.	Core Part No.	Rated Current [A]	Inductance (200kHz)		D.C.R. mΩ (max)	Winding mm φ-lines	Outside Dimensions			D.C. BIAS CHARACTERISTICS Graph
			0A [μH]	Rating [μH]			D1 [mm]	D2 [mm]	W [mm]	
LBBM003801X8-V0E	LPB251515N	3	1800	800 **	185	0.8-1P	33.0	33.0	24.5	3
LBBM005351X8-V0E		5	820	350	85	1.0-1P	34.0	34.0	24.5	
LBBM008121X8-V0E		8	280	120	30	1.3-1P	34.0	34.0	24.5	
LBBM010750X8-V0E		10	170	75	17	1.1-2P	34.0	34.0	25.5	
LBBM020210X8-V0E		20	51	21	6	1.2-3P	34.0	34.0	26.0	
LBBM015350X8-V0E		15	82	35	9	1.3-2P	34.5	34.5	25.0	
LBBM025130X8-V0E		25	33	13	4	1.2-4P	35.0	35.0	26.0	
LBBM0357R5X8-V0E		35	18	7.5	3	1.4-4P	35.0	35.0	27.5	
LBBM030090X8-V0E		30	23	9	3	1.3-4P	35.5	35.5	27.0	
LBBM040050X8-V0E		40	11	5	2	1.4-5P	36.5	36.5	26.5	
LBBM003122XR-V0E	LPB322015N	3	2800	1200 **	155	1.0-1P	41.5	41.5	26.5	4
LBBM005481XR-V0E		5	1000	480	100	1.1-1P	41.0	41.0	25.5	
LBBM008191XR-V0E		8	430	190	40	1.3-1P	41.5	41.5	25.5	
LBBM015570XR-V0E		15	130	57	13	1.3-2P	41.5	41.5	26.0	
LBBM025200XR-V0E		25	48	20	5	1.2-4P	41.5	41.5	26.0	
LBBM010121XR-V0E		10	260	120	22	1.1-2P	42.0	42.0	26.0	
LBBM020310XR-V0E		20	68	31	7	1.2-3P	42.0	42.0	26.0	
LBBM030140XR-V0E		30	30	14	4	1.3-4P	42.0	42.0	27.0	
LBBM0359R5XR-V0E		35	21	9.5	3	1.4-4P	42.0	42.0	26.0	
LBBM0406R5XR-V0E		40	14	6.5	2	1.4-5P	42.5	42.5	26.5	
LBBM0454R9XR-V0E		45	10	4.9	2	1.3-6P	42.5	42.5	26.5	

* The inductance at current 0[A] indicates the reference value.

** This is the inductance at 100kHz.



- Always read "Notes on Use" before using the product in order to enable you to use the product correctly and prevent any faults and accidents from occurring.
- Request the Product Specification on the product of NIPPON CHEMI-CON CORPORATION to refer to it as well as this brochure prior to the order of the products. Some specific notes on use of the ordered product may be described in the specifications.
- The products listed in this catalog are designed and manufactured for general electronics equipment use and are not intended for use in applications that can adversely affect human life; where the malfunction of equipment may cause damage to life or property. In addition, our products are not intended to be used in specific applications that may cause a major social impact. Please consult with us in advance of usage of our products in the following listed applications. ① Aerospace equipment ② Power generation equipment such as thermal power, nuclear power etc. ③ Medical equipment ④ Transport equipment (automobiles, trains, ships, etc.) ⑤ Transportation control equipment ⑥ Disaster prevention / crime prevention equipment ⑦ Highly publicized information processing equipment ⑧ Submarine equipment ⑨ Other applications that are not considered general-purpose applications.
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